

CLAIMS

1. A supporting body for an axially moving body such as a conveyor belt, a cable or a stepless escalator, comprising a roller rotatable about a shaft for the support of the body and at least a first support in which the shaft of the roller is mounted for carrying the roller,
5 characterised in that a second support is provided, wherein the first support and the second support are designed to cooperate in carrying the roller, wherein the second support is fixedly mounted and the first support can, in the moving body's direction of movement, be fixedly coupled with the second support, while in a plane perpendicular to this direction of movement, the first support is rotatable about a pivoting point located on a contact surface shared by the roller and the body to be supported by the roller.
- 10 2. A supporting body according to claim 1,
characterised in that first support and the second support possess intermating slots and pins, wherein the slots have a curve, which is determined for each slot individually by an imaginary centre and a radius relating to said centre of said slot, such that the centres of all the slots located in the same vertical plane coincide, forming the pivoting point of the first support.
- 15 3. A supporting body according to claim 2,
characterised in that there are curved slots, one or more of which are located above a rotational axis of the roller and one or more of which are located below the rotational axis of the roller, and in that the radii of said slots possess a common central point located on the bearing surface of the top side of the roller.